

## CLAIMS

What is claimed is:

1           1.       A carousel comprising:

2       a plurality of modules, at least one module of the plurality of modules comprising one of  
3           a data module and an object module, said at least one module exhibiting a first  
4           instance and at least a second instance.

1           2.       The carousel of claim 1, the first instance separated from the second  
2       instance by at least one intervening different module of the plurality of modules.

1           3.       The carousel of claim 1, said at least one module including module  
2       content, the module content representing one of television program guide information,  
3       advertising information, product information, emergency information, weather  
4       information, and news information.

1           4.       A carousel comprising:  
2       a first instance of a module including module content, the module comprising one of a  
3           data module and an object module;  
4       a second instance of the module; and  
5       at least one other module including module content, the module content of said at least  
6       one other module different than the module content of the module.

1           5.     The carousel of claim 4, the second instance of the module separated from  
2 the first instance of the module by said at least one other module.

1           6.     The carousel of claim 4, the module content of the module representing  
2 one of television program guide information, advertising information, product  
3 information, emergency information, weather information, and news information.

1           7.     A transmission comprising:  
2 a transport stream; and  
3 a carousel encapsulated in the transport stream, the carousel having a plurality of  
4 modules, at least one module of the plurality of modules comprising one of a data  
5 module and an object module, said at least one module exhibiting a first instance  
6 and at least a second instance.

1           8.     The transmission of claim 7, the transport stream comprising an MPEG-2  
2 transport stream.

1           9.     The transmission of claim 7, the transport stream comprising at least a  
2 portion of a digital television broadcast signal.

1           10.    The transmission of claim 7, the first instance separated from the second  
2 instance by at least one intervening different module of the plurality of modules.

1           11.    A transmission comprising:  
2    a transport stream; and  
3    a carousel encapsulated in the transport stream, the carousel including  
4           a first instance of a module including module content, the module comprising one  
5                of a data module and an object module;  
6           a second instance of the module; and  
7           at least one other module including module content, the module content of said at  
8                least one other module different than the module content of the module.

1           12.    The transmission of claim 11, the transport stream comprising an MPEG-2  
2    transport stream.

1           13.    The transmission of claim 11, the transport stream comprising at least a  
2    portion of a digital television broadcast signal.

1           14.    The carousel of claim 11, the second instance of the module separated  
2    from the first instance of the module by said at least one other module.

1           15.    A method comprising:  
2    encapsulating into a transport stream a carousel having a plurality of modules, at least  
3           one module of the plurality of modules comprising one of a data module and an  
4           object module, said at least one module exhibiting a first instance and at least a  
5           second instance.

1           16.    The method of claim 15, further comprising transmitting the transport  
2    stream and the encapsulated carousel to a receiver.

1           17.    The method of claim 15, further comprising periodically encapsulating the  
2    carousel into the transport stream.

1           18.    The method of claim 15, the transport stream comprising an MPEG-2  
2    transport stream.

1           19.    The method of claim 15, the transport stream comprising at least a portion  
2    of a digital television broadcast signal.

1           20.    A method comprising:  
2    receiving a transport stream having an encapsulated carousel, the carousel having a  
3           plurality of modules, at least one module of the plurality of modules comprising  
4           one of a data module and an object module, said at least one module exhibiting a  
5           first instance and at least a second instance; and  
6    extracting the first and second instances of said at least one module from the transport  
7           stream.

1           21.    The method of claim 20, the transport stream comprising an MPEG-2  
2    transport stream.

1           22.    The method of claim 20, the transport stream comprising at least a portion  
2    of a digital television broadcast signal.

1           23.    An article of manufacture comprising:  
2    a machine accessible medium, the machine accessible medium providing instructions  
3    that, when executed by a machine, cause the machine to  
4           encapsulate into a transport stream a carousel having a plurality of modules, at  
5           least one module of the plurality of modules comprising one of a data  
6           module and an object module, said at least one module exhibiting  
7           a first instance, and  
8           at least a second instance.

1           24.    The article of manufacture of claim 23, wherein the instructions, when  
2   executed, further cause the machine to transmit the transport stream and the encapsulated  
3   carousel to a receiver.

1           25.    The article of manufacture of claim 23, wherein the instructions, when  
2   executed, further cause the machine to periodically encapsulate the carousel into the  
3   transport stream.

1           26.    The article of manufacture of claim 23, the transport stream comprising an  
2   MPEG-2 transport stream.

1           27.    The article of manufacture of claim 23, the transport stream comprising at  
2   least a portion of a digital television broadcast signal.

1           28.    An article of manufacture comprising:  
2   a machine accessible medium, the machine accessible medium providing instructions  
3   that, when executed by a machine, cause the machine to  
4       receive a transport stream having an encapsulated carousel, the carousel having a  
5           plurality of modules, at least one module of the plurality of modules  
6           comprising one of a data module and an object module, said at least one  
7           module exhibiting a first instance and at least a second instance; and  
8       extract the first and second instances of said at least one module from the  
9       transport stream.

1           29.    The article of manufacture of claim 28, the transport stream comprising an  
2   MPEG-2 transport stream.

1           30.    The article of manufacture of claim 28, the transport stream comprising at  
2   least a portion of a digital television broadcast signal.